

Amendments to the Claims:

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims:

1. – 8. (Canceled)

9. (Previously Amended) An apparatus for providing warnings to a user of a system upon detection of a warning condition within the system, comprising:

at least one image capture device for monitoring at least a portion of the system, said image capture device being capable of capturing an image of the portion of the system being monitored;

a secondary warning system for detecting the warning condition;

an image processing assembly for processing the image captured by the image capture device and determining whether the secondary warning system detects the warning condition; and

a warning device for providing a warning to the user;

wherein the image processing assembly processes the image captured by the image capture device in real time for determining if the warning condition exists and upon determining that the warning condition exists, verifies the existence of the warning condition from the secondary warning system and causes the warning device to provide a warning to the user.

10. (Original) The apparatus as claimed in claim 9, wherein said warning device comprises a display displaying the image captured by the image capture device to the user.

11. (Original) The apparatus as claimed in claim 9, wherein the image processing assembly includes a memory for storing a reference of the portion of the system being monitored by the image capture device.

12. (Original) The apparatus as claimed in claim 9, wherein said image processing assembly processes the image captured by the image processing device by comparing the captured image with the reference.

13. (Original) The apparatus as claimed in claim 9, wherein said at least one image capture device comprises a video camera and wherein said captured image is comprised at least one of a continuous video and sampled frames of a continuous video.

14. (Canceled)

15. (Original) The apparatus as claimed in claim 9, wherein the system comprises an aircraft, the portion of the system being monitored comprises a landing gear and the warning condition comprises improper deployment of the landing gear.

16. (Original) The apparatus as claimed in claim 9, wherein the system comprises an aircraft, the portion of the system being monitored comprises a landing gear and the warning condition comprises an abnormal tire condition.

17. (Original) The apparatus as claimed in claim 9, wherein the system comprises an aircraft, the portion of the system being monitored comprises a wing surface and the warning condition comprises surface irregularities.

18. (Original) The apparatus as claimed in claim 9, wherein the system comprises an aircraft, the portion of the system being monitored comprises an engine bay and the warning condition comprises engine compartment irregularities.

19. (Original) The apparatus as claimed in claim 9, wherein the system comprises an a secured area, the portion of the system being monitored comprises a region of the secured area, and the warning condition comprises an unauthorized presence in the region.

20. (Canceled)